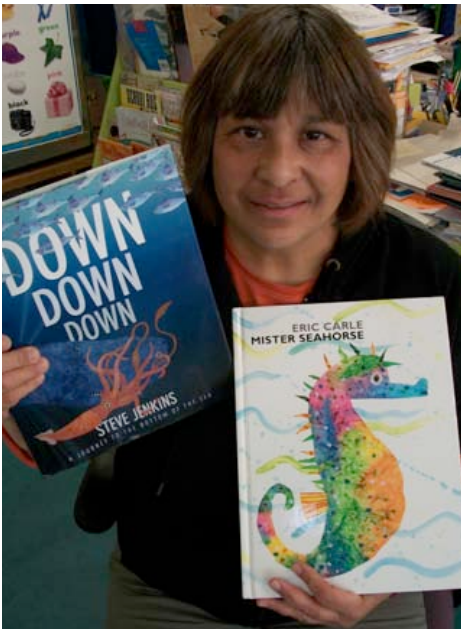




# **Down, Down, Down: A Journey to the Bottom of the Sea (2009)**

by STEVE JENKINS



In keeping with our 2010-2011 *Art is... Illumination* theme, we can explore the depths of the ocean where there is little or no light and learn about the most amazing and unusual sea creatures that live down, down down!

# **Mister Seahorse (2004)**

by ERIC CARLE

As we learn about animals that lay eggs, we discover that fathers can be very involved too. Mister Seahorse carries the eggs in his belly pouch and keeps them warm until it is time for the young to be born.

---

## **Do you know...?**

*Bioluminescence* means "living light." The most common bioluminescent color in the ocean is blue, the color that transmits best through seawater.



# One Tiny Turtle (2001)

by NICOLA DAVIES



Ms. Gould's Kindergarten class is learning about *oviparous* animals, animals that lay eggs, such as sea turtles.

*One Tiny Turtle* is a story about the journey of a Loggerhead sea turtle from her early days hiding in the seaweed, to her days wandering thousands of miles feeding and growing to thirty years later when she finds her way back to her birth place and lays eggs of her own.

---

## Do you know...?

Sea turtle are reptiles and breathe air. They come to the surface every 4-5 minutes when they are active but can stay underwater for hours while they are asleep.



# Pierre the Penguin: A True Story (2010)

by JEAN MARZOLLO



Pierre is a real penguin who lives close by at the CA Academy of Science. Mysteriously, he lost his feathers and became so cold he wouldn't go in the water.

The solution?

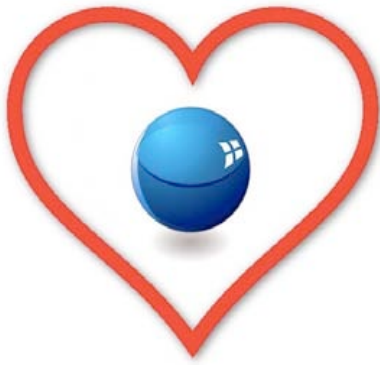
A special penguin wetsuit designed just for Pierre!

---

## Do you know...?

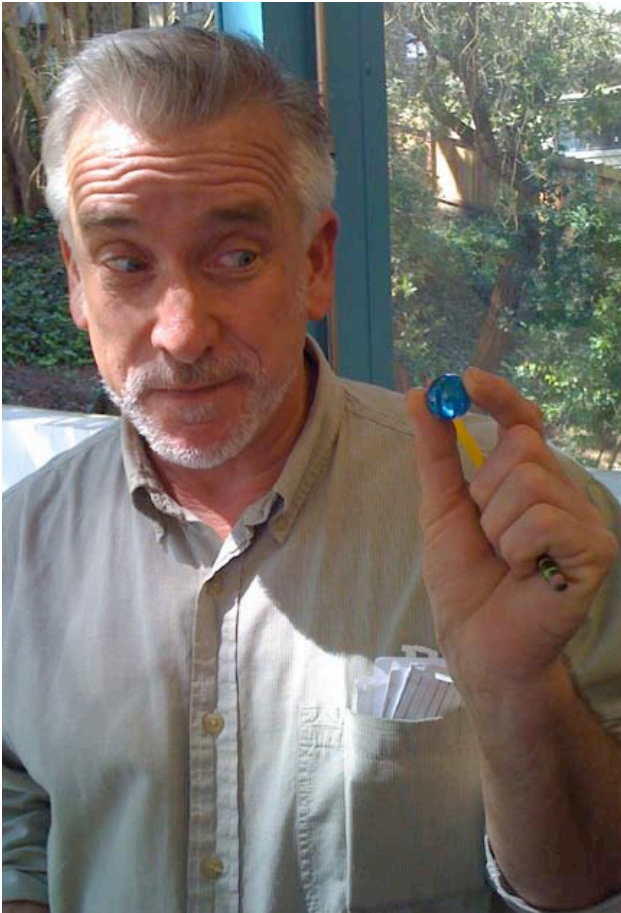
The California Academy of Sciences African penguins have successfully hatched out 108 chicks since 1983. Pierre is the oldest penguin at the Academy.





# Earth Day (2002)

by MIR TAMIM ANSARY



This early reader helps us understand the history behind Earth Day and why we celebrate it every April 22.

We learn that many animals and plants are endangered because of changes that humans have made to the earth. We learn that humans can solve problems and take action to make our earth a better place.

*"It's an Earth Day tradition that my students learn to sing "Earth," a beautiful song about our planet.*

---

## Do you know...?

The first Earth Day was celebrated in 1970.



# Oil Spill (1994)

by MELVIN BERGER



Ms. Smith's First Grade class has been learning about the impact of oil spills on living creatures who inhabit the Ocean. This book about the 1989 Exxon Valdez spill in Alaska explains why oil spills occur, how experts clean up and what we can do to help prevent them from happening.

*Last year, Ms. Smith's class looked to see if they could reduce the amount of plastic waste generated by their class and made a decision to use fewer of the plastic-wrapped spork, straw, and napkin sets provided with school lunches. Their plastic waste was used to create a work of art addressing the issue of plastic pollution in the ocean. Plastic Century will be on display at the Burnett Campus at Rooftop School in late April.*

---

## Do you know...?

Most plastic is made from petroleum products, primarily oil. Before becoming the plastic products that we can use, the petroleum is made into tiny raw plastic pellets, called "nurdles."



# All the Way to the Ocean (2006)

by JOEL HARPER



Ms. Vaughn's First Grade class has been learning that all water, and much of the trash that is carelessly littered on our streets and sidewalks, drains into the Ocean. The students are learning how they can do their part to keep their neighborhoods clean and protect our Ocean Planet.

*"My 4-1/2 year old son brings his Blue Marble along whenever we take a trip to the playground. He has been collecting the leftover bits of plastic balloons from birthday parties and putting them in a special metal tin. He is so proud do his part to protect the animals in the sea."*

---

## Do you know...?

In the environment, plastic breaks down into smaller and smaller particles that attract toxic chemicals. These particles are ingested by wildlife on land and in the ocean, and contaminate our food chain.





# **Flotsam** (2006)

by DAVID WEISNER

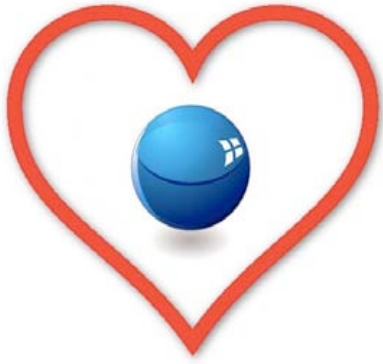


This wonderfully illustrated wordless book is the story of a boy who finds an underwater camera washed up on the beach and he discovers some fascinating photos. The book will be used a springboard into writing our own ocean themed comic books.

---

## **Do you know...?**

The wreckage of a ship or its cargo found floating on or washed up by the sea is called *flotsam*.



# Into the Sea (1996)

by BRENDA Z. GUIBERSON



The story begins on the beach as a turtle hatching makes her way into the sea and follows her life for more than 20 years as she survives many dangers; natural and those created by humans. Reading and learning about the endangered sea turtles inspired Ms. Louis' 2nd graders to delve into the topic with their knowledge to create thoughtful poetry and stunning illustrations of these amazing creatures.

---

## Do you know...?

There used to be millions of sea turtles and now there are only several thousand.





# Why Are the Ice Caps Melting? The Dangers of Global Warming (2009)

by ANNE ROCKWELL

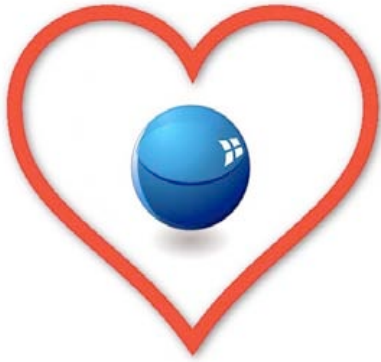


We find out about the greenhouse effect, recycling, and what we can do to help slow down the warming of our planet. Our family art homework activity will address the science concepts we have learned as we create islands out of recycled materials – No Man is an Island – everyone's help to fight global warming counts!

---

## Do you know...?

Global warming refers to an average increase in the Earth's temperature, which in turn causes changes in climate.



# Endangered Sea Turtles (2004)

by BOBBIE KALMAN



Lots of questions can be answered in this nonfiction title full of fine photographs, and facts about the eight species of sea turtles – all endangered. Learning about sea turtles set the stage for third graders to try their own animal research project.

*Third grade students worked in the library and the computer lab to research the animals chosen for their animal reports. They also learned about Adelita, a loggerhead sea turtle, who was the first animal to be tracked swimming across the Pacific Ocean. J Nichols had the idea to attach a satellite transmitter to her back, and the scientists tracked her journey as she swam 378 days from Baja California to Sendai, Japan.*

---

## Do you know...?

The greatest threat to all sea turtles is habitat loss. Not only are the oceans being polluted but home, hotels and restaurants are being built on beaches where sea turtles nest.



# The Fantastic Undersea Life of Jacques Cousteau (2009)

by DAN YACCARINO



This inspiring biography introduces a whole new generation to the wonders of the underwater world. Cousteau quotes included on each page help us learn the spirit of this great marine biologist and defender of the sea - “We protect what we love.”

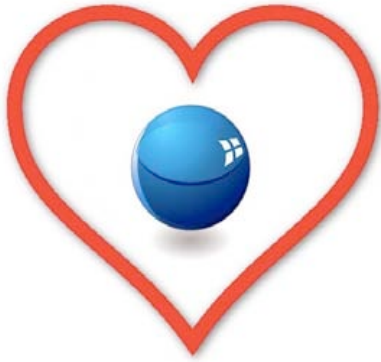
*Ms.Toupin's students have been writing songs about the Ocean. The class is currently working with teaching artists from San Francisco Opera to create a new opera that includes ocean hero Jacques Cousteau as a character. Ms.Toupin has been knitting Blue Marble caps, a Cousteau-inspired red cap topped with a blue pom. Any student who writes a song about the ocean is thanked with the gift of a Blue Marble cap!*

---

## Do you know...?

When Cousteau was 13, he saved enough money to buy a movie camera. He immediately took it apart to see how it worked!





# **Manfish: A Story of Jacques Cousteau (2008)**

by JENNIFER BERNE



As a boy in France, young Jacques falls in love with the sea and dreams of ways to breath and fly underwater. This is the true story of a dreamer, an inventor, a scientist and an artist who shares his dreams with the world.

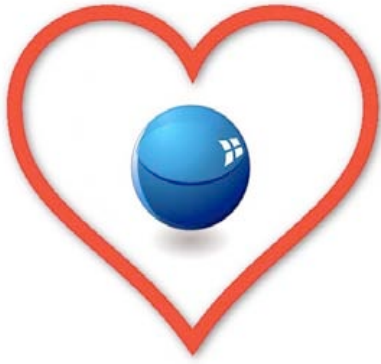
*3rd & 4th grade students have been introduced to many inspiring pioneers of technology through the computer lab. Through video and website exploration, the students were introduced to Jacques Cousteau and Dr. Sylvia Earle, true Ocean Heroes who have provided new ways to explore our oceans with their many new inventions. A tireless advocate for the sea, Dr. Earle suggested that Google Earth try to map the blue parts of the world, resulting in Google Earth Ocean.*

---

## **Do you know...?**

Jacques Cousteau wrote over 50 books and made over 115 films to teach the world about our ocean planet.





# **Planet Earth (2008)**

## **25 Environmental Projects You Can Build**

by KATHLEEN M. REILLY



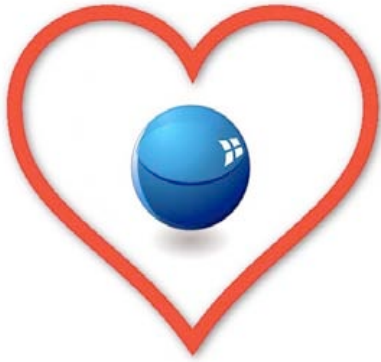
A great collection of projects perfect for 4th grade that offer a hands-on approach to learning about the condition of our earth and its environment.

*Ms. Woo's students have been learning about conservation issues such as overfishing, plastics pollutions impact on our natural environment. The class took a trip to the Marine Mammal Center to see how animals, such as sea lions are cared for after ingesting or getting tangled in plastic waste. Responding to a post-field trip challenge. Ms. Woo's No Waste Lunch Challenge Crew took a good look at their lunches and discussed the ways that they could reduce their waste.*

---

### **Do you know...?**

Programs such as Terracycle.org can help you “upcycle” trash (turn the refuse into a new product) and turn it into cash for your school. Rooftop participates in two recycling brigades for Capri Sun and Ziploc Bags.



# Moon Over Star (2008)

by DIANA HUTTS ASTON



The story of a young girl named Mae from a town called Star who is inspired to become an astronaut after following the televised news reports of Neil Armstrong, from the Apollo 11 flight, be the first man to walk on the moon in 1969.

*Mr. Rogers helped to get the Blue Marble to the first destination tracked by the students through the Burnett Campus computer lab. The students decided that they wanted to see the 2010 World Series, and Mr. Rogers brought the Blue Marble to AT&T Park for a Giant win. Since then, Rooftop students have virtually traveled the world with the Blue Marble. So far, we've gathered photos of our marbles in every continent except Australia and Antartica.*

---

## Do you know...?

The Blue Marble photo was taken three years later from the Apollo 17 flight in 1972.



# Think Green (2008)

by BOBBIE KALMAN



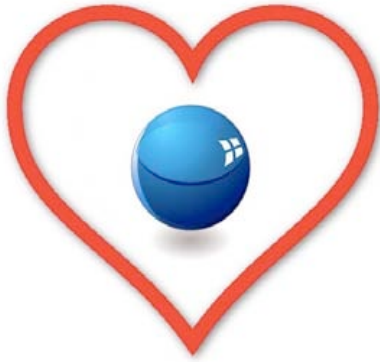
“Green is...turning off the faucet to save water while you brush your teeth” is the first example of many ways to think green while taking care of our earth. Students write a collection of ideas using the prompt “Blue is...” and connect our knowledge of how to take care of the oceans.

---

## Do you know...?

Letting the tap run when you brush your teeth wastes up to 4 gallons of water every time.





# Sea Turtles (1995)

by GAIL GIBBONS



How is a turtle and a sea turtle different? A fact-based book describing the types of sea turtles, their physical characteristics, how they feed, migrate and nest. We learn sea turtles have been with us since the days of dinosaurs and we must protect them from extinction. Each student writes a pledge to help these amazing ancient creatures.

---

## Do you know...?

The greatest threat to all sea turtles is habitat loss. Not only are the oceans being polluted but home, hotels and restaurants are being built on beaches where sea turtles nest.





# Chelonia: Return of the Sea Turtle (2000)

by DAWN NAVARRO, ROBERT E. SNODGRASS, WALLACE J. NICHOLS



This is the story of a determined young girl who saves a green sea turtle after a storm and rehabilitates it to return to the wild. Besides the interesting facts we learn about the endangered green sea turtle, we learn that books and art can help spread the word about important topics and that humans can make a difference in helping to protect endangered animals.

*Rooftop School looks forward to a visit from the Blue Marble Project creators, ocean scientist Wallace J. Nichols and artist Sarah Kornfeld. This project helps us to show the many ways that we can “live like we love the ocean.”*

---

## Do you know...?

That *Chelonia Mydas* is the scientific name for the Green Sea turtle, commonly found along the Pacific Coastline.



# **What's the point of Being Green?** (2010)

by JACQUI BAILEY

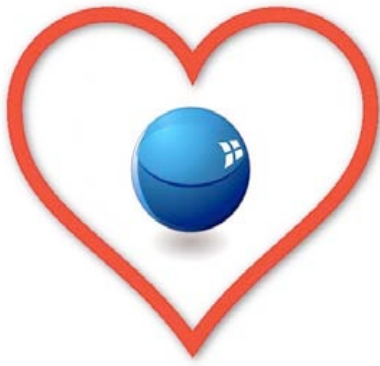


A very appealing and updated collection of information regarding the most urgent environmental issues of our time. The book has a positive tone and offers solutions to reduce and limit our impact on the environment that are attainable for young people.

---

## **Do you know...?**

The U.S. uses about 380 million gallons of gasoline everyday. That's more than a gallon for every man, woman and child in the country.



# Henry's Amazing Albatross (2010)

by CAROLINE FABRE  
& MADELEINE GOING



This book is comprised of seven stories about a boy and his wooden albatross which comes alive and flies him across seas and oceans to strange and magical places, where things are not always what they seem.

*Ms. Kennedy loves albatrosses. As a young girl, she lived on Midway Island and she shared home movies of her time there with her students. It has been found that the albatross on Midway island, one of the most remote places on earth, are negatively impacted by plastics pollution.*

---

## **Do you know...?**

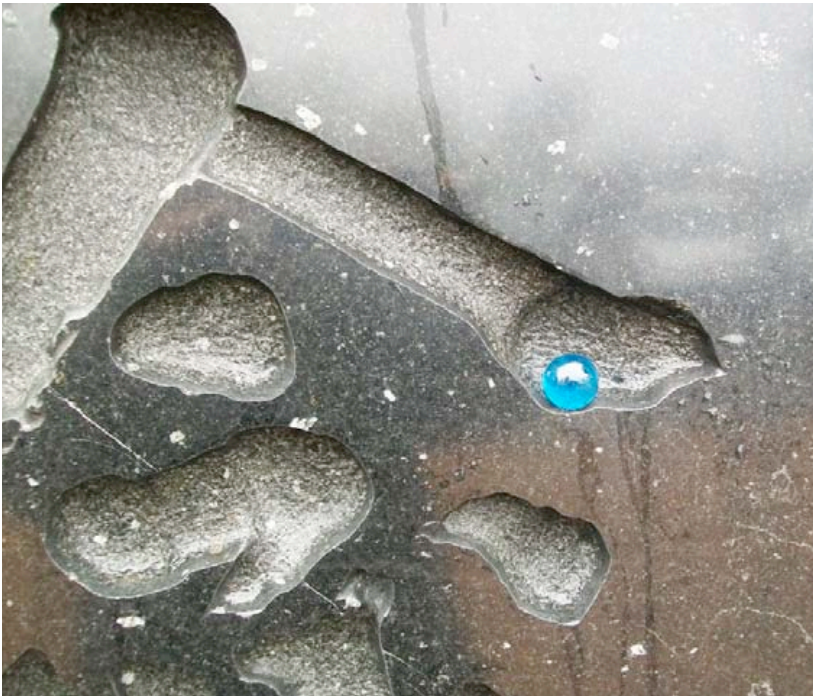
Midway Island is located in the middle of the Pacific, twelve-hundred miles northwest of Hawaii.





# **Shipwrecked** (2010)

by RHODA BLUMBERG



This book tells the amazing true story of a fourteen-year-old boy named Manjiro, who was shipwrecked in 1836. Manjiro was the first Japanese person to come to the United States, and was an important figure in the historic opening of Japan to the West.

*6th grade students are currently writing an opera that tells the continuing story of the relationship between two countries, Japan and America, through the lives of Japanese-American artists Chiura Obata, Mine Okubo, and Ruth Asawa. In addition, Cyndy Sugawara's 6th-8th grade students are also writing poems to raise funds to help the victims of the recent earthquake and tsunami in Japan.*

---

## **Do you know...?**

Midway Island is located in the middle of the Pacific, twelve-hundred miles northwest of Hawaii.